

Title (en)  
Synthesis of metal bis-triflimide compounds and methods for purification thereof

Title (de)  
Synthese von Metall-Bistriflimid-Verbindungen und Reinigungsverfahren dafür

Title (fr)  
Synthèse de composés métalliques bis-triflimide et leurs méthodes de purification

Publication  
**EP 1857432 A3 20080514 (EN)**

Application  
**EP 07010851 A 20020312**

Priority  
• EP 02706922 A 20020312  
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Abstract (en)  
[origin: WO02072260A2] A metal bis-triflimide compound having the formula:  $[M-x<]^{n+}[(N(SO_2CF_3)_2)(nx-yz)]^{-(nx-yz)-}$  [Ly] $^{<z>-}$  where M is a metal selected from the metals in groups 5 to 10, 12 and 14 to 16 and Cu, Au, Ca, Sr, Ba, Ra, Y, La, Ac, Hf, Rf, Ga, In, Tl, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Lu, and the actinides; L is a negative or neutral ligand; n is 2, 3, 4, 5, 6, 7 or 8; x is greater than or equal to 1; y is 0, 1, 2, 3, 4, 5, 6, 7 or 8; and z is 0, 1, 2, 3 or 4. Another aspect of the specification is a process for carrying out an electrophilic substitution reaction of an aromatic ring or an isomerisation, polymerisation or rearrangement to a chemical compound or molecule using said compound.

IPC 8 full level  
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**GB 0200989 W 20020312**; AT 02706922 T 20020312; AU 2002238707 A 20020312; AU 2002241085 A 20020312; BR 0208094 A 20020312; CA 2440937 A 20020312; CA 2440942 A 20020312; CN 02809421 A 20020312; DE 60221991 T 20020312; EP 02704905 A 20020312; EP 02706922 A 20020312; EP 07010851 A 20020312; ES 02706922 T 20020312; GB 0200988 W 20020312; JP 2002571212 A 20020312; JP 2002571437 A 20020312; KR 20037011956 A 20030909; PT 02706922 T 20020312; US 47125704 A 20040225; US 47125904 A 20040422